

## Refine Search

### Search Results -

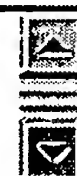
Terms	Documents
L14 and (graft adj copolymer)	13

Database:

US Pre-Grant Publication Full-Text Database  
 US Patents Full-Text Database  
 US OCR Full-Text Database  
 EPO Abstracts Database  
 JPO Abstracts Database  
 Derwent World Patents Index  
 IBM Technical Disclosure Bulletins

Search:

L15



Refine Search

Recall Text



Clear

Interrupt

### Search History

DATE: Sunday, May 02, 2004   [Printable Copy](#)   [Create Case](#)

<u>Set</u> <u>Name</u>	<u>Query</u>	<u>Hit</u> <u>Count</u>	<u>Set</u> <u>Name</u> result set
<i>DB=PGPB,USPT,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=OR</i>			
<u>L15</u>	L14 and (graft adj copolymer)	13	<u>L15</u>
<u>L14</u>	L13 and ((Lewis adj acid) or (alkylaluminum adj chloride) or (diethylaluminum adj chloride) or triethylaluminum or trimethylaluminum or (titanium adj halides))	14	<u>L14</u>
<u>L13</u>	L12 and graft\$2	23	<u>L13</u>
<u>L12</u>	L11 and ((vinyl adj ether) or styrene or (acrylic adj ester) or olefins)	33	<u>L12</u>
<u>L11</u>	L10 and (reaction adj product)	33	<u>L11</u>
<u>L10</u>	L9 and chloromethylstyrene	59	<u>L10</u>
<u>L9</u>	L8 and ((free adj radical adj initiator) or initiator or (benzoyl adj peroxide))	395	<u>L9</u>
<u>L8</u>	L7 and L6	551	<u>L8</u>
<u>L7</u>	diphenylethylene or alkoxydiphenylethylene or dinaphthylethylene or stilbene or (methyl adj alpha-phenylacrylate) or (alpha-phenylacrylonitrile)	16116	<u>L7</u>
	(free adj radical adj polymerizable adj monomer) or (hydroxyethyl adj acrylate)		

<u>L6</u>	or (hydroxyalkyl adj acrylate) or (hydrophilic adj vinyl adj terminated adj monomer) or (hydrophilic adj olefinically adj unsaturated adj monomer) or (functionalized adj methacrylate) or (diethylaminoethyl adj methacrylate) or (glycidyl adj acrylate)	24582	<u>L6</u>
<del><u>L5</u></del>	<del>US20040024145A1</del>	1	<del><u>L5</u></del>
<u>L4</u>	US20030018137A1	1	<u>L4</u>
<u>L3</u>	US20030018137	0	<u>L3</u>
<u>L2</u>	US20030018137A1	1	<u>L2</u>
<u>L1</u>	US20030018137	0	<u>L1</u>

END OF SEARCH HISTORY

## Hit List

Search Results - Record(s) 1 through 13 of 13 returned.

☐ 1. Document ID: US 20040024145 A1

Using default format because multiple data bases are involved.

L15: Entry 1 of 13

File: PGPB

Feb 5, 2004

PGPUB-DOCUMENT-NUMBER: 20040024145

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040024145 A1

TITLE: Graft copolymers, their preparation and their use

PUBLICATION-DATE: February 5, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Heischkel, Yvonne	Mannheim		DE	
Stockel, Nicolas	Grunstadt		DE	
Wieland, Philipp	Munchen		DE	
Schafer, Marcus	Krefeld		DE	
Nuyken, Oskar	Munchen		DE	

US-CL-CURRENT: 526/72; 526/291, 526/89

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw D
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☐ 2. Document ID: US 5959049 A

L15: Entry 2 of 13

File: USPT

Sep 28, 1999

US-PAT-NO: 5959049

DOCUMENT-IDENTIFIER: US 5959049 A

TITLE: Process for selective bromination of para-alkylstyrene/isoolefin copolymers

DATE-ISSUED: September 28, 1999

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Powers; Kenneth William	Berkeley Heights	NJ		
Wang; Hsien-Chang	Edison	NJ		

US-CL-CURRENT: 526/185; 522/160, 525/333.4, 525/355, 525/356, 526/135, 526/196,  
526/237, 526/347, 526/348.7, 526/912

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw D
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☐ 3. Document ID: US 5654379 A

L15: Entry 3 of 13

File: USPT

Aug 5, 1997

US-PAT-NO: 5654379

DOCUMENT-IDENTIFIER: US 5654379 A

TITLE: Process for selective bromination of para-alkylstyrene/isoolefin copolymers

DATE-ISSUED: August 5, 1997

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Powers; Kenneth William	Berkeley Heights	NJ		
Wang; Hsien-Chang	Edison	NJ		

US-CL-CURRENT: 525/356; 522/160, 522/62, 525/333.4, 525/355, 525/376

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw D
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☐ 4. Document ID: US 5591551 A

L15: Entry 4 of 13

File: USPT

Jan 7, 1997

US-PAT-NO: 5591551

DOCUMENT-IDENTIFIER: US 5591551 A

TITLE: UV/EB curable butyl copolymers for lithographic and corrosion-resistant coating applications

DATE-ISSUED: January 7, 1997

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Audett; Jay D.	Brown Deer	WI		
McElrath; Kenneth O.	Waterloo			BE

US-CL-CURRENT: 430/18

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw D
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☐ 5. Document ID: US 5587261 A

L15: Entry 5 of 13

File: USPT

Dec 24, 1996

US-PAT-NO: 5587261

DOCUMENT-IDENTIFIER: US 5587261 A

TITLE: UV/EB curable butyl copolymers for lithographic and corrosion-resistant coating

DATE-ISSUED: December 24, 1996

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Audett; Jay D.	Brown Deer	WI		
McElrath; Kenneth O.	Waterloo			BE

US-CL-CURRENT: 430/18; 101/395, 101/401.1, 430/300

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw. De
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☐ 6. Document ID: US 5585225 A

L15: Entry 6 of 13.

File: USPT

Dec 17, 1996

US-PAT-NO: 5585225

DOCUMENT-IDENTIFIER: US 5585225 A

TITLE: UV/EB curable butyl copolymers for lithographic and corrosion-resistant coating applications

DATE-ISSUED: December 17, 1996

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Audett; Jay D.	Brown Deer	WI		
McElrath; Kenneth O.	Waterloo			BE

US-CL-CURRENT: 430/323; 430/175, 430/190, 430/195, 430/286.1, 430/287.1, 430/296, 430/325, 430/329

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw. De
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☐ 7. Document ID: US 5548029 A

L15: Entry 7 of 13

File: USPT

Aug 20, 1996

US-PAT-NO: 5548029

DOCUMENT-IDENTIFIER: US 5548029 A

TITLE: Graft copolymers of para-alkylstyrene/isoolefin copolymers

DATE-ISSUED: August 20, 1996

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Powers; Kenneth W.	Berkeley Heights	NJ		
Wang; Hsien-Chang	Bellaire	TX		
Chung; T-C.	State College	PA		
Dias; Anthony J.	Houston	TX		
Olkusz; Joseph A.	Fanwood	NJ		

US-CL-CURRENT: 525/195, 525/192, 525/194, 525/203, 525/205, 525/206, 525/207,  
525/208, 525/210, 525/212, 525/217, 525/218, 525/219, 525/227, 525/231, 525/232,  
525/233, 525/238, 525/240, 525/241, 525/333.4, 525/356, 525/357

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw D
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☐ 8. Document ID: US 5548023 A

L15: Entry 8 of 13

File: USPT

Aug 20, 1996

US-PAT-NO: 5548023

DOCUMENT-IDENTIFIER: US 5548023 A

TITLE: Graft copolymers of para-alkylstyrene/isoolefin copolymers as blend compatibilizers

DATE-ISSUED: August 20, 1996

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Powers; Kenneth W.	Berkeley Heights	NJ		
Wang; Hsien-Chang	Edison	NJ		
Chung; T-C.	State College	PA		
Dias; Anthony J.	Linden	NJ		
Olkusz; Joseph A.	Fanwood	NJ		

US-CL-CURRENT: 525/69, 525/192, 525/194, 525/195, 525/333.4, 525/356, 525/357,  
525/70, 525/72, 525/73, 525/74, 525/75, 525/77, 525/78, 525/79, 525/80, 525/86

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw D
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☐ 9. Document ID: US 5430118 A

L15: Entry 9 of 13

File: USPT

Jul 4, 1995

US-PAT-NO: 5430118

DOCUMENT-IDENTIFIER: US 5430118 A

**\*\* See image for Certificate of Correction \*\***

TITLE: Para-alkylstyrene/isoolefin copolymers having substantially homogeneous compositional distribution

DATE-ISSUED: July 4, 1995



## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Powers; Kenneth W.	Berkeley Heights	NJ		
Wang; Hsien-Chang	Edison	NJ		

US-CL-CURRENT: 526/347; 526/237, 526/348.7, 526/912

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw D
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☐ 10. Document ID: US 5426167 A

L15: Entry 10 of 13

File: USPT

Jun 20, 1995

US-PAT-NO: 5426167

DOCUMENT-IDENTIFIER: US 5426167 A

**\*\* See image for Certificate of Correction \*\***

TITLE: Para-alkylstyrene/isoolefin copolymers having substantially homogeneous compositional distribution

DATE-ISSUED: June 20, 1995

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Powers; Kenneth W.	Berkeley Heights	NJ		
Wang; Hsien-Chang	Edison	NJ		

US-CL-CURRENT: 526/347; 526/346, 526/348.7

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC	Draw D
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☐ 11. Document ID: US 5376503 A

L15: Entry 11 of 13

File: USPT

Dec 27, 1994

US-PAT-NO: 5376503

DOCUMENT-IDENTIFIER: US 5376503 A

TITLE: UV/EB curable copolymers for lithographic and corrosion-resistant coating applications

DATE-ISSUED: December 27, 1994

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Audett; Jay D.	Brown Deer	WI		
McElrath; Kenneth O.	Waterloo			BE

US-CL-CURRENT: 430/270.1; 430/18, 430/281.1, 430/286.1, 430/905, 430/913, 430/915, 430/916, 522/106, 522/160, 522/35, 522/48, 522/53, 522/57, 522/904, 522/905

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMIC	Draw. D.
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☐ 12. - Document-ID: US 5294678 A

L15: Entry 12 of 13

File: USPT

Mar 15, 1994

US-PAT-NO: 5294678

DOCUMENT-IDENTIFIER: US 5294678 A

TITLE: Entanglement-inhibited macromolecules

DATE-ISSUED: March 15, 1994

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Tse; Mun-Fu	Seabrook	TX		
Dias; Anthony J.	Houston	TX		
Meka; Prasadaraao	Seabrook	TX		
McElrath; Kenneth O.	Waterloo			BE

US-CL-CURRENT: 525/319; 525/322, 525/324

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMIC	Draw. D.
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☐ 13. Document ID: US 5162445 A

L15: Entry 13 of 13

File: USPT

Nov 10, 1992

US-PAT-NO: 5162445

DOCUMENT-IDENTIFIER: US 5162445 A

**\*\* See image for Certificate of Correction \*\***

TITLE: Para-alkylstyrene/isoolefin copolymers and functionalized copolymers thereof

DATE-ISSUED: November 10, 1992

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Powers; Kenneth W.	Berkeley Heights	NJ		
Wang; Hsien-Chang	Edison	NJ		
Chung; T-C	State College	PA		
Dias; Anthony J.	Linden	NJ		
Olkusz; Joseph A.	Fanwood	NJ		

US-CL-CURRENT: 525/333.4; 525/333.3, 525/340, 525/342, 525/343, 525/350, 525/355,  
525/356, 525/374, 525/375, 525/379, 525/383, 525/385, 525/386, 526/237, 526/347,  
526/912



Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	...K00C	Draw...D
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Clear	Generate Collection	Print	Fwd Refs	Bkwd Refs	Generate OACS
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Terms	Documents
L14 and (graft adj copolymer)	13

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